

INTERNATIONAL SEARCH REPORT

PCT/US 03/14540

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/14 A61K31/445 A61P3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	C. H. MITCH: "3,4-Dimethyl-4-(3-hydroxyphenyl)piperidin es: opioid antagonists with potent anorectant activity" J. MED. CHEM., vol. 36, no. 20, 1993, pages 2842-50, XP002249614 example 11	1-12
A	US 4 891 379 A (ZIMMERMAN DENNIS M ET AL) 2 January 1990 (1990-01-02) cited in the application example 23	1-12
A	EP 1 072 592 A (PFIZER LTD ; PFIZER (US)) 31 January 2001 (2001-01-31) cited in the application example 2	1-12
-/-		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

30 July 2003

Date of mailing of the international search report

13/08/2003

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

PCT/US 03/14540

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WENTLAND M P ET AL: "8-Carboxamidocyclazocine analogues - redefining the structure-activity relationships of 2,6-methano-3-benzazocines" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 11, no. 5, 12 March 2001 (2001-03-12), pages 623-626, XP004230076 ISSN: 0960-894X cited in the application page 623, column 2 -----</p>	1-12

INTERNATIONAL SEARCH REPORT

PCT/US 03/14540

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 6-9,11-12 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

PCT/US 03/14540

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4891379	A	02-01-1990	US 5422356 A	06-06-1995
			US 4992450 A	12-02-1991
			US 5064834 A	12-11-1991
			US 5319087 A	07-06-1994
			AT 110057 T	15-09-1994
			AU 596290 B2	26-04-1990
			AU 1462488 A	20-10-1988
			CA 1321792 C	31-08-1993
			CN 88102191 A ,B	02-11-1988
			DE 3851081 D1	22-09-1994
			DE 3851081 T2	16-02-1995
			DK 204388 A	05-01-1989
			EG 18864 A	29-06-1995
			EP 0287339 A2	19-10-1988
			ES 2058265 T3	01-11-1994
			HU 46892 A2	28-12-1988
			IE 64508 B1	09-08-1995
			IL 86061 A	15-07-1992
			JP 2661699 B2	08-10-1997
			JP 63277661 A	15-11-1988
			KR 9615087 B1	24-10-1996
			MX 11117 A	01-11-1993
			NZ 224236 A	28-08-1990
			PH 24752 A	01-10-1990
			PT 87233 A ,B	01-05-1988
			SU 1598869 A3	07-10-1990
			ZA 8802640 A	27-12-1989
EP 1072592	A	31-01-2001	BR 0002515 A	02-01-2001
			CA 2309434 A1	28-11-2000
			EP 1072592 A2	31-01-2001
			JP 2000344746 A	12-12-2000
			US 2002099216 A1	25-07-2002